

## INTERNATIONAL SEARCH REPORT

GB2004/003470

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B01D53/94 B01J23/63 B01J23/89 B01J23/50		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) IPC 7 B01D B01J		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	WO 2004/022229 A (UNIV CHICAGO) 18 March 2004 (2004-03-18) claims; figures; examples	1-33
X	EP 1 033 161 A (DORNIER GMBH) 6 September 2000 (2000-09-06) column 2, paragraph 13 - column 3, paragraph 14 column 3, paragraph 19 - column 4, paragraph 20; claims 1-7; figures	1-33
X	EP 0 714 693 A (RIKEN KK) 5 June 1996 (1996-06-05) page 4, line 6 - page 5, line 50 page 8, line 50 - page 9, line 39; claims 1,2,6,8-11,13	1-33
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<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family		
Date of the actual completion of the international search  16 November 2004		Date of mailing of the international search report  23/11/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer  Eijkenboom, A

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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X	EP 0 947 235 A (MAZDA MOTOR) 6 October 1999 (1999-10-06) column 11, line 56 - column 12, line 3 <sup>rd</sup> column 13, line 34 - line 37; claims; figures	1-33
X	EP 0 577 438 A (RIKEN KK) 5 January 1994 (1994-01-05) claims; examples 5,6	1-33
X	US 3 857 921 A (TAMURA N ET AL) 31 December 1974 (1974-12-31) table 1, run no. 5 table 2, example no. 7 claims	1-33
X	US 5 593 933 A (KUDLA ROBERT J ET AL) 14 January 1997 (1997-01-14) column 2, line 20 - line 41; claims	1-33
X	WO 02/16014 A (GILLESPIE ROBERT FREW ; SHAWCROSS JAMES TIMOTHY (GB); RAYBONE DAVID (G) 28 February 2002 (2002-02-28) page 12, line 4 - line 18 claims 1,7-9	1-33
X	EP 0 671 208 A (HONDA MOTOR CO LTD) 13 September 1995 (1995-09-13) claims	1-33

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